



SEQUENCE LISTING

<110> Israeli, Ron S.

Heston, Warren D.W.

Fair, William R.

<120> PROSTATE-SPECIFIC MEMBRANE ANTIGEN

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<140> US 08/466,381

<141> 1995-06-06

<150> US 08/403,803

<151> 1995-03-17

<150> PCT/US93/10624

<151> 1993-11-05

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<151> 1992-11-05

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<170> PatentIn version 3.1

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| agagcacggg | atactaaaaa | ttgggaaaca | aacaaattca | gcggctatcc | actgtatcac | 1920 |
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| Glu | Pro | Pro | Pro | Pro | Gly | Tyr | Glu | Asn | Val | Ser | Asp | Ile | Val | Pro | Pro |
| 145 | | | | | 150 | | | | | 155 | | | | | 160 |
| Phe | Ser | Ala | Phe | Ser | Pro | Gln | Gly | Met | Pro | Glu | Gly | Asp | Leu | Val | Tyr |
| | | | | 165 | | | | | 170 | | | | | 175 | |
| Val | Asn | Tyr | Ala | Arg | Thr | Glu | Asp | Phe | Phe | Lys | Leu | Glu | Arg | Asp | Met |
| | | | 180 | | | | | 185 | | | | | 190 | | |
| Lys | Ile | Asn | Cys | Ser | Gly | Lys | Ile | Val | Ile | Ala | Arg | Tyr | Gly | Lys | Val |
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| Val | Ile | Leu | Tyr | Ser | Asp | Pro | Ala | Asp | Tyr | Phe | Ala | Pro | Gly | Val | Lys |
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| Ser | Tyr | Pro | Asp | Gly | Trp | Asn | Leu | Pro | Gly | Gly | Gly | Val | Gln | Arg | Gly |
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| Asn | Ile | Leu | Asn | Leu | Asn | Gly | Ala | Gly | Asp | Pro | Leu | Thr | Pro | Gly | Tyr |
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| Pro | Ala | Asn | Glu | Tyr | Ala | Tyr | Arg | Arg | Gly | Ile | Ala | Glu | Ala | Val | Gly |
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| Leu | Pro | Ser | Ile | Pro | Val | His | Pro | Ile | Gly | Tyr | Tyr | Asp | Ala | Gln | Lys |
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| Leu | Leu | Glu | Lys | Met | Gly | Gly | Ser | Ala | Pro | Pro | Asp | Ser | Ser | Trp | Arg |
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| Gly | Ser | Leu | Lys | Val | Pro | Tyr | Asn | Val | Gly | Pro | Gly | Phe | Thr | Gly | Asn |
| | | | | 325 | | | | | 330 | | | | | 335 | |
| Phe | Ser | Thr | Gln | Lys | Val | Lys | Met | His | Ile | His | Ser | Thr | Asn | Glu | Val |
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| Thr | Arg | Ile | Tyr | Asn | Val | Ile | Gly | Thr | Leu | Arg | Gly | Ala | Val | Glu | Pro |
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| Asp | Arg | Tyr | Val | Ile | Leu | Gly | Gly | His | Arg | Asp | Ser | Trp | Val | Phe | Gly |
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Ser Phe Gly Thr Leu Lys Lys Glu Gly Trp Arg Pro Arg Arg Thr Ile
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Glu Trp Ala Glu Glu Asn Ser Arg Leu Leu Gln Glu Arg Gly Val Ala
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Tyr Ile Asn Ala Asp Ser Ser Ile Glu Gly Asn Tyr Thr Leu Arg Val
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Asp Cys Thr Pro Leu Met Tyr Ser Leu Val His Asn Leu Thr Lys Glu
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Trp Thr Lys Lys Ser Pro Ser Pro Glu Phe Ser Gly Met Pro Arg Ile
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Lys Phe Ser Gly Tyr Pro Leu Tyr His Ser Val Tyr Glu Thr Tyr Glu
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Leu Pro Phe Asp Cys Arg Asp Tyr Ala Val Val Leu Arg Lys Tyr Ala
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Asp Lys Ile Tyr Ser Ile Ser Met Lys His Pro Gln Glu Met Lys Thr
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Tyr Ser Val Ser Phe Asp Ser Leu Phe Ser Ala Val Lys Asn Phe Thr
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Glu Ile Ala Ser Lys Phe Ser Glu Arg Leu Gln Asp Phe Asp Lys Ser
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Asn Pro Ile Val Leu Arg Met Met Asn Asp Gln Leu Met Phe Leu Glu
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Arg Ala Phe Ile Asp Pro Leu Gly Leu Pro Asp Arg Pro Phe Tyr Arg
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His Val Ile Tyr Ala Pro Ser Ser His Asn Lys Tyr Ala Gly Glu Ser
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Phe Pro Gly Ile Tyr Asp Ala Leu Phe Asp Ile Glu Ser Lys Val Asp
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Lys

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| ctacattgta gtaggagccc agagagacgc ttggggccct ggtngttgcg aagtccagtg | 240 |
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| ccccctatta tatacactta tggggaagat aatgcaggan ncgtaaagca tccgannnnn | 540 |
| nnnttgatgg aaaatatcta tatcgaaaca gtaattggat tagcaaaatt gaggaacttt | 600 |
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| catctttgga gttattaaag gctttgtaga accagatcac tatgtttgtag ttggggccca | 180 |

| | |
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| gagagatgca tggggccctg gagctgcaaa atcncggtgt aggcacagct ctcctattga | 240 |
| aacttgccca gatgttctca gatatgggtct taaaagatgg gtttcagccc agcagaagca | 300 |
| ttatctttgc cagttggagt gctggagact ttggatcggg tggtgccact gaatggctag | 360 |
| agggatacct ttcgtcncct gcatttaaag gctttcactt atattaatct ggataaagcg | 420 |
| gttcttggtg ccagcaactt caagggttct gccagcccac tgttgatac gcttattgag | 480 |
| aaaacaatgc aaaatgtgaa gcatccggtt actgggcaat ttctatatca ggacagcaac | 540 |

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Asn Glu Asp Gly Asn Glu
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Lys Ser Pro Asp Glu Gly
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<400> 38

Ala Gly Ala Leu Val Leu Ala Gly Gly Phe Phe Leu Leu Gly Phe Leu
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Phe